

Author Index

Abbott RJ, 342
Abel LA, 616, 621
Aicardi J, 583
Akagi M, 491
Albala BJ, 552
Allen RJ, 679
Alpert JE, 578
Amano N, 491
Aminoff MJ, 592, 690
Andermann F, 224
Anderson RJ, 346
Ando K, 649
Angel RW, 279
Ansevin CF, 616
Apte SN, 453
Aronin N, 519
Asher SW, 689
Ashizawa T, 285

Bachand R, 216
Barberger-Gateau C, 642
Barchas JD, 258
Baringer JR, 196
Barrett DM, 412
Bellur SN, 346
Bergamini L, 220
Berger PA, 258
Bertorini TE, 133
Bever CT, 53
Bhandari R, 347
Biary N, 579
Bird ED, 72, 519
Bischoff R, 176
Bivas NK, 527
Blank E, 291
Blass JP, 72
Bolender N-Fr, 59
Bonilla E, 532
Botney M, 160
Bouchier M, 264
Bowles AP Jr, 689
Boxer L, 685
Bradley WG, 466
Brem H, 222
Brennan MJW, 215
Breslin DJ, 314
Bresnan MJ, 69
Brimjoin WS, 412
Brooks BR, 434, 573
Bruni J, 549
Brust JCM, 676
Burde RM, 149
Burke AM, 53
Buruma OJS, 686
Butler JJ, 285
Butler RW, 155

Cairncross JG, 582
Calzetti S, 165
Cambì F, 303
Caplan L, 344
Caplan LR, 314
Carlin L, 105, 217
Caronna JJ, 111, 625
Carroll G, 65
Castaing P, 687
Chambers BR, 204
Chan PH, 625
Chandra V, 346
Chase TN, 224
Christensen H, 264
Chu AB, 434
Chusid E, 218
Clifford DB, 669
Cocito D, 220
Cogan P, 676
Cohadon S, 642
Collins GH, 94
Collins RC, 223
Come PC, 314, 527
Commenges D, 642
Cooper PE, 519
Corkin S, 674
Coulter DL, 679
Courjon J, 309
Cowen D, 676
Crandall PH, 581
Crooks LE, 592, 690
Crosley CJ, 94
Cruz C, 297
Currie S, 201, 342

Dalakas M, 11
Dalos NP, 573
Dartigues JF, 642
Davis FA, 227
Davis LE, 192
Dell'Osso LF, 616, 621
Desai AD, 110
Deutsch G, 38
Dickenson WA, 155
Dijkstra UJ, 325
DiMauro S, 11, 679
Dix RD, 196
Dodson WE, 457
Donaldson I, 65
Dougados M, 687
Drummond PD, 32
Durelli L, 220
Dyck PJ, 412
Dyken P, 351

Ebers GC, 227
Edwards R, 460
Eggers A, 676
Ehrenberg BL, 580
Ell JJ, 204
Ellenberger C Jr, 621
Engel J Jr, 581
Ephros MA, 69
Evans BK, 106

Fahn S, 671
Faull KF, 258
Fayoumi ZM, 222
Fealey RD, 412
Feld R, 110
Fenichel GM, 341, 452
Ferguson JH, 654
Fields HL, 160
Fieschi C, 468
Findley LJ, 165
Fischbeck KH, 217, 532
Fishman RA, 625
Foley JM, 693
Foley KM, 180
Ford J, 273, 402
Foster NL, 224
Fox JH, 343
Freeman RL, 69
Fremaux R, 214
Friedman JH, 222
Fuld PA, 491

Gabreëls FJM, 325
Gabreëls-Festen AAWM, 440
Gajdusek DC, 79
Gamboa ET, 676
Ganti R, 676
Garruto RM, 79
Gazzaniga MS, 536
Geschwind N, 348
Gibson G, 584
Gilman S, 111
Gjedde A, 585
Glaser JS, 667
Glatt SL, 343
Gloor P, 224
Goldman-Rakic PS, 376, 396
Goldstein M, 279
Gomez MR, 113, 504
Goodman SI, 582
Gopinathan G, 44
Gorelick P, 344
Goutières F, 583
Grabinski PY, 180
Gresty MA, 165, 204
Griggs RC, 125
Growden JH, 674
Guilleminault C, 258

Hagedorn J, 196
Hakim AM, 365
Hall S, 217
Halsey JH Jr, 155
Hannerz J, 207
Harada M, 541
Harati Y, 285
Harb JM, 291
Hassan MN, 671
Hauser SL, 418
Hazama T, 100
Heath PD, 687
Hedreen JC, 243
Hefti F, 109

Heidrich G, 180
Hiesiger E, 44
Hills B, 214
Hindmarsh T, 207
Hirano A, 87
Hirsch HE, 658
Hoban CJ, 418
Horoupan DS, 172
Horten B, 485
Houff S, 434
Howard FM Jr, 504
Howe JG, 201, 342
Huckman MS, 343
Hwang T-L, 214

Iannaccone ST, 328
Iivanainen M, 434
Inturrisi CE, 180
Ionasescu V, 110
Iversen SD, 578
Iyer V, 452

Jackson JA, 273
Jackson V, 671
Jankovic J, 106, 273, 402
Johnson KP, 227
Johnson SF, 583
Johnston MV, 511, 685
Jones HR Jr, 314
Joosten EMG, 325, 440
Junkel L, 469

Kaiko RF, 180
Kalb R, 462
Kang J, 100
Kapur N, 687
Karanjia PN, 654
Kark RAP, 20
Katholi C, 155
Kaufman L, 592, 690
Kawanami S, 541
Kennedy P, 687
Khangure MS, 337
Kim RC, 94
Kissel JT, 149
Klass DW, 113
Klingele TG, 149
Knopman DS, 558
Knowles WD, 249
Koller WC, 97, 343, 467, 579
Korein J, 342
Krawiecki N, 351
Krishnamoorthy KS, 103
Kuban KC, 69
Kuhl DE, 581
Kupersmith M, 342
Kurlan R, 456
Kuroiwa Y, 108

Laffell LB, 69
Lambert EH, 412
Lampert PW, 426
Lance JW, 32

Author Index

Abbott RJ, 342
Abel LA, 616, 621
Aicardi J, 583
Akagi M, 491
Albala BJ, 552
Allen RJ, 679
Alpert JE, 578
Amano N, 491
Aminoff MJ, 592, 690
Andermann F, 224
Anderson RJ, 346
Ando K, 649
Angel RW, 279
Ansevin CF, 616
Apte SN, 453
Aronin N, 519
Asher SW, 689
Ashizawa T, 285

Bachand R, 216
Barberger-Gateau C, 642
Barchas JD, 258
Baringer JR, 196
Barrett DM, 412
Bellur SN, 346
Bergamini L, 220
Berger PA, 258
Bertorini TE, 133
Bever CT, 53
Bhandari R, 347
Biary N, 579
Bird ED, 72, 519
Bischoff R, 176
Bivas NK, 527
Blank E, 291
Blass JP, 72
Bolender N-Fr, 59
Bonilla E, 532
Botney M, 160
Bouchier M, 264
Bowles AP Jr, 689
Boxer L, 685
Bradley WG, 466
Brem H, 222
Brennan MJW, 215
Breslin DJ, 314
Bresnan MJ, 69
Brimjoin WS, 412
Brooks BR, 434, 573
Bruni J, 549
Brust JCM, 676
Burde RM, 149
Burke AM, 53
Buruma OJS, 686
Butler JJ, 285
Butler RW, 155

Cairncross JG, 582
Calzetti S, 165
Cambì F, 303
Caplan L, 344
Caplan LR, 314
Carlin L, 105, 217
Caronna JJ, 111, 625
Carroll G, 65
Castaigne P, 687
Chambers BR, 204
Chan PH, 625
Chandra V, 346
Chase TN, 224
Christensen H, 264
Chu AB, 434
Chusid E, 218
Clifford DB, 669
Cocito D, 220
Cogan P, 676
Cohadon S, 642
Collins GH, 94
Collins RC, 223
Come PC, 314, 527
Commenges D, 642
Cooper PE, 519
Corkin S, 674
Coulter DL, 679
Courjon J, 309
Cowen D, 676
Crandall PH, 581
Crooks LE, 592, 690
Crosley CJ, 94
Cruz C, 297
Currie S, 201, 342

Dalakas M, 11
Dalos NP, 573
Dartigues JF, 642
Davis FA, 227
Davis LE, 192
Dell'Osso LF, 616, 621
Desai AD, 110
Deutsch G, 38
Dickenson WA, 155
Dijkstra UJ, 325
DiMauro S, 11, 679
Dix RD, 196
Dodson WE, 457
Donaldson I, 65
Dougados M, 687
Drummond PD, 32
Durelli L, 220
Dyck PJ, 412
Dyken P, 351

Ebers GC, 227
Edwards R, 460
Eggers A, 676
Ehrenberg BL, 580
Ell JJ, 204
Ellenberger C Jr, 621
Engel J Jr, 581
Ephros MA, 69
Evans BK, 106

Fahn S, 671
Faull KF, 258
Fayoumi ZM, 222
Fealey RD, 412
Feld R, 110
Fenichel GM, 341, 452
Ferguson JH, 654
Fields HL, 160
Fieschi C, 468
Findley LJ, 165
Fischbeck KH, 217, 532
Fishman RA, 625
Foley JM, 693
Foley KM, 180
Ford J, 273, 402
Foster NL, 224
Fox JH, 343
Freeman RL, 69
Fremaux R, 214
Friedman JH, 222
Fuld PA, 491

Gabreëls FJM, 325
Gabreëls-Festen AAWM, 440
Gajdusek DC, 79
Gamboa ET, 676
Ganti R, 676
Garruto RM, 79
Gazzaniga MS, 536
Geschwind N, 348
Gibson G, 584
Gilman S, 111
Gjedde A, 585
Glaser JS, 667
Glatt SL, 343
Gloor P, 224
Goldman-Rakic PS, 376, 396
Goldstein M, 279
Gomez MR, 113, 504
Goodman SI, 582
Gopinathan G, 44
Gorelick P, 344
Goutières F, 583
Grabinski PY, 180
Gresty MA, 165, 204
Griggs RC, 125
Growden JH, 674
Guilleminault C, 258

Hagedorn J, 196
Hakim AM, 365
Hall S, 217
Halsey JH Jr, 155
Hannerz J, 207
Harada M, 541
Harati Y, 285
Harb JM, 291
Hassan MN, 671
Hauser SL, 418
Hazama T, 100
Heath PD, 687
Hedreen JC, 243
Hefti F, 109

Heidrich G, 180
Hiesiger E, 44
Hills B, 214
Hindmarsh T, 207
Hirano A, 87
Hirsch HE, 658
Hoban CJ, 418
Horoupan DS, 172
Horten B, 485
Houff S, 434
Howard FM Jr, 504
Howe JG, 201, 342
Huckman MS, 343
Hwang T-L, 214

Iannaccone ST, 328
Iivanainen M, 434
Inturrisi CE, 180
Ionasescu V, 110
Iversen SD, 578
Iyer V, 452

Jackson JA, 273
Jackson V, 671
Jankovic J, 106, 273, 402
Johnson KP, 227
Johnson SF, 583
Johnston MV, 511, 685
Jones HR Jr, 314
Joosten EMG, 325, 440
Junkel L, 469

Kaiko RF, 180
Kalb R, 462
Kang J, 100
Kapur N, 687
Karanjia PN, 654
Kark RAP, 20
Katholi C, 155
Kaufman L, 592, 690
Kawanami S, 541
Kennedy P, 687
Khangure MS, 337
Kim RC, 94
Kissel JT, 149
Klass DW, 113
Klinge TG, 149
Knopman DS, 558
Knowles WD, 249
Koller WC, 97, 343, 467, 579
Korein J, 342
Krawiecki N, 351
Krishnamoorthy KS, 103
Kuban KC, 69
Kuhl DE, 581
Kupersmith M, 342
Kurlan R, 456
Kuroiwa Y, 108

Laffell LB, 69
Lambert EH, 412
Lampert PW, 426
Lance JW, 32

- Langston JW, 453
 Laplane D, 687
 Larson D, 558
 Lassen NA, 633
 Laureno R, 232
 Lauritzen M, 633
 Lavin PJM, 621
 Lawton AR, 452
 Lee J, 625
 Lee YJ, 434
 Leeman SE, 519
 Lees MB, 303
 Leibowitz JL, 426
 Leibowitz M, 44
 Leon M, 434
 Lerrick AJ, 186
 Lieb JP, 581
 Lieberman AN, 44
 Loiseau P, 642
 Lorenz LJ, 519
 Low PA, 412
 Luby ED, 466
 Lukes SA, 567, 592, 690
 Lynde CW, 216

 Maccario M, 608
 MacFadyen B, 214
 Macklin WB, 303
 Madden DL, 434
 Mader JT, 214
 Malagelada JR, 412
 Mannen T, 108
 Marshall WH, 469
 Martin JB, 519
 Martinez H, 219
 Massey EW, 691
 Masur DM, 491
 Matson MD, 608
 Mattson RH, 580
 Mauguierre F, 309
 Mayeux R, 222
 McCulloch J, 28
 McDonald WI, 227
 McLaren LC, 192
 McLean DI, 216
 McLean WT Jr, 105, 217
 Melamed NB, 578
 Mena H, 608
 Mendell JR, 133
 Mesulam M-M, 225
 Miller JR, 53
 Mills C, 592, 690
 Miranda AF, 11
 Montgomery EB Jr, 468
 Moore JK, 349
 Moore RJ, 583
 Moore RY, 349
 Morgan D, 201
 Moshé SL, 552
 Moshell AN, 682
 Murphy MJ, 337

 Nadeau SE, 143
 Nakano I, 87
 Nass R, 584
 Neale EA, 48
 Nelson PG, 48

 Neophytides A, 44
 Newsom-Davis J, 186
 Newton TH, 690
 Niccum N, 558
 Nielsen S, 485
 Noetzel MJ, 457
 Norenberg MD, 582
 Norman D, 567, 592
 Nukada H, 65
 Nuwer MR, 20

 Ochs AL, 212
 O'Donnell P, 573
 Ogasahara S, 100
 Ogata J, 541
 Ohnishi A, 541
 Olivier A, 224
 Olsen TS, 633

 Packwood JW, 20
 Padgett B, 485
 Panitch HS, 196, 592
 Papadimitriou A, 679
 Pappius HM, 365
 Parisi JE, 94
 Parks ME, 658
 Pasternak GW, 462
 Paty D, 216, 227
 Paula-Barbosa MM, 297
 Paulson OB, 633
 Penney MD, 201
 Perini M, 222
 Perlman SL, 20
 Perucca E, 165
 Pestre M, 642
 Peters B, 214
 Pickett JB, 689
 Plum F, 1, 585
 Polinsky RJ, 682
 Pollock M, 65
 Pontes C, 297
 Porter RJ, 320
 Poser CM, 227, 341
 Posner JB, 334
 Powers ML, 602
 Price DL, 243
 Price RW, 485, 585
 Prioleau G, 625
 Pryse-Phillips W, 219

 Rabins PV, 573
 Raichle ME, 2
 Ramsay RE, 688
 Rasmussen SL, 674
 Rausch R, 581
 Reches A, 671
 Reid AC, 28
 Reidenberg MM, 180
 Reimann BEF, 608
 Reinherz EL, 418
 Rennie MJ, 125
 Rice GPA, 693
 Richens A, 165
 Riela A, 105
 Riley MF, 527
 Roach ES, 105, 217
 Robbins JH, 682

 Rodriguez M, 426, 504
 Rogers AG, 180
 Ronline JS, 664
 Roongta SM, 285
 Rosen JA, 92
 Rosen PB, 221
 Rosenberg ML, 667
 Rosenberg SH, 196
 Rothenberg SP, 679
 Rothman SM, 176
 Rothstein TL, 331
 Rubens AB, 558
 Rubino M, 485
 Ruela C, 297
 Ruff RL, 334

 Sagar SM, 519
 Sakai M, 491
 Sakuraba H, 491
 Salazar A, 219
 Salk J, 664
 Sandyk R, 215
 Saper CB, 584
 Saraiva A, 297
 Satoyoshi E, 649
 Satya-Murti S, 578
 Scarlato G, 222
 Scheinberg L, 227
 Schipperheyn JJ, 686
 Schlossman SF, 418
 Schmidley JW, 460, 625
 Schotland DL, 217, 532
 Schott B, 309
 Schrier BK, 48
 Schwartzkroin PA, 249
 Sears ES, 214
 Seil FJ, 664
 Selbst RG, 212
 Selhorst JB, 212
 Selnes OA, 558
 Sever JL, 434
 Sharpless NS, 491
 Shaw C-M, 331
 Shewmon DA, 345
 Shimada Y, 108
 Shoulson I, 456
 Sibley WA, 227
 Sidtis JJ, 586
 Silani V, 222
 Silberberg DH, 227
 Silverstein FS, 685
 Sima AAF, 264
 Simon RP, 460, 693
 Singh A, 218
 Singh BK, 218
 Smylie CS, 536
 Snead OC III, 445
 Sokol RJ, 328
 Somerville ER, 549
 Sorbi S, 72
 Sotelo J, 219
 Spencer DD, 580
 Spencer SS, 580
 Spiegel K, 462
 Spudis E, 105
 Steinman GS, 347
 Stevens R, 221

 Streib E, 218
 Sumner DW, 342
 Sun SF, 218
 Suzuki Y, 497
 Swaiman KF, 48
 Swick H, 291
 Swinton NW Jr, 314

 Takahashi M, 100
 Takano K, 108
 Takeuchi H, 100
 Tardieu M, 602
 Tarui S, 100
 Tateishi J, 541
 Tavares MA, 297
 Taylor P, 65
 Taylor WF, 504
 Teasdale GM, 28
 Terry RD, 172
 Thal LJ, 491
 Theodore WH, 320
 Tourtellotte WW, 227
 Toyokura Y, 108
 Traccis S, 616, 621
 Trautmann JC, 412
 Trobe JD, 143
 Turner DA, 249

 Varadkar AM, 110
 Vincent A, 186
 Vos AJM, 440

 Wada K, 100
 Waksman BH, 587
 Walker D, 485
 Walker R, 44
 Wallen W, 434
 Waxman SG, 348
 Weiner HL, 418, 602
 Weiner WJ, 466
 Weintraub S, 225
 Weir MR, 608
 Werlin SL, 291
 Westall FC, 664
 Wertstein A, 210
 Whaley J, 196
 Whitaker JH, 133
 White CL III, 243
 Whitehouse PJ, 243
 Willems JL, 325
 Williams RM, 303
 Williamson PD, 580
 Wilson RS, 343
 Witt ED, 376, 396
 Wooten MR, 337
 Wray D, 186
 Wyler AR, 59, 249

 Yanagihara RT, 79
 Yen S-H, 172
 Yorifuji S, 100
 Yoshida M, 649

 Zeiger HE, 149
 Zifkin BG, 580
 Zittoun J, 687

Subject Index

Acetylcholine

- electrophysiological effects of myasthenic serum factors studied in mouse muscle (Lerrick et al), 186
- oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491

Acute disseminated encephalomyelitis

- computed tomography in acute disseminated encephalomyelitis (Lukes and Norman), 567

Adenine arabinoside. *See* Vidarabine

Adenosine triphosphatase, sodium, potassium

- Na⁺- and K⁺-dependent adenosine triphosphatase changes in multiple sclerosis plaques (Hirsch and Parks), 658

Ad hoc reviewers, 1

Adult polyglucosan body disease

- adult polyglucosan body disease, clinical and nerve biopsy findings in two cases (Vos et al), 440

Affective disturbances

- disease activity and emotional state in multiple sclerosis (Dalos et al), 573

Age factors in disease

- age dependent susceptibility to reovirus type 3 encephalitis, role of viral and host factors (Tardieu et al), 602
- parental age as a risk factor in Alzheimer's disease (Corkin et al), 674

Akathisia

- persistent akathisia following neuroleptic withdrawal (Weiner and Luby), LETTER, 466

Alcohol drinking

- alcohol and Parkinson disease (Koller), LETTER, 467

Alzheimer's disease

- decreased pyruvate dehydrogenase complex activity in Huntington and Alzheimer brain (Sorbi et al), 72
- is Alzheimer disease caused by lack of nerve growth factor? (Hefti), LETTER, 109
- no effect from double-blind trial of physostigmine and lecithin in Alzheimer disease (Wettstein), 210
- oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491
- parental age as a risk factor in Alzheimer's disease (Corkin et al), 674

Aminobutyric acid

- cerebrospinal fluid γ -aminobutyric acid in spasmodic torticollis (Abbott et al), LETTER, 342; reply (Korein and Kupersmith), LETTER, 342

Amitriptyline

- amitriptyline potentiates morphine analgesia by direct action on central nervous system (Botney and Fields), 160

Amyotrophic lateral sclerosis

- epidemiological surveillance of amyotrophic lateral sclerosis and Parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands (Yanagihara et al), 79
- naloxone of no benefit in amyotrophic lateral sclerosis (Silani et al), LETTER, 222
- respirator support in amyotrophic lateral sclerosis (Bradley), LETTER, 466

Analgesia

- amitriptyline potentiates morphine analgesia by direct action on central nervous system (Botney and Fields), 160

Analgesics

- analgesic activity of tricyclic antidepressants (Spiegel et al), 462

Angiography, carotid

- changes in regional cerebral blood flow during the course of classic migraine attacks (Lauritzen et al), 633

Anticholinergic agents

- progressive supranuclear palsy, clinical features and response to treatment in 16 patients (Jackson et al), 273

Anticoagulants

- incidence and treatment of peripheral venous thrombosis in patients with glioma (Ruff and Posner), 334

Anticonvulsants, toxicity

- removal of sedative-hypnotic antiepileptic drugs from regimens of patients with intractable epilepsy (Theodore and Porter), 320

Antidepressive agents, tricyclic

- amitriptyline potentiates morphine analgesia by direct action on central nervous system (Botney and Fields), 160
- analgesic activity of tricyclic antidepressants (Spiegel et al), 462

Antiepileptic agents. *See* Anticonvulsants, toxicity

Antilymphocyte serum

- immunoregulatory T-cells and lymphocytotoxic antibodies in active multiple sclerosis, weekly analysis over a six-month period (Hauser et al), 418

Antithrombotic agents

- incidence and treatment of peripheral venous thrombosis in patients with glioma (Ruff and Posner), 334

Aphasia

- computed tomographic scan correlates of auditory comprehension deficits in aphasia (Selnes et al), 558
- diffuse involvement in progressive aphasia (Foster and Chase), LETTER, 224; reply (Mesulam and Weintraub), LETTER, 225
- global aphasia in multiple sclerosis (Friedman et al), LETTER, 222
- slowly progressive aphasia without generalized dementia (Heath et al), LETTER, 687

Apoproteins

- chronic experimental allergic encephalomyelitis produced by bovine proteolipid apoprotein, immunological studies in rabbits (Cambi et al), 303

Arachidonic acid

- induction of brain edema following intracerebral injection of arachidonic acid (Chan et al), 625

Arrhythmia

- roles of echocardiography and arrhythmia monitoring in evaluation of patients with suspected systemic embolism (Come et al), 527

Arteriography. *See* Angiography, carotid

Arteriovenous malformations

- blood flow changes in arteriovenous malformation during behavioral activation (Deutsch), 38

Arthroplasty, replacement, hip. *See* Hip prosthesis

Aspartate aminotransferase

- serum mitochondrial aspartate aminotransferase in patients with polymyositis (Ogasahara et al), 100

Ataxia

- case of downbeat nystagmus influenced by otolith stimulation (Chambers et al), 204
- cerebellar cortex ultrastructure in ataxia-telangiectasia (Paula-Barbosa et al), 297

- evoked potential abnormalities in various inherited ataxias (Nuwer et al), 20
- Auditory comprehension**
computed tomographic scan correlates of auditory comprehension deficits in aphasia (Selnes et al), 558
- Axonal atrophy**
axonal atrophy in sensory nerves of diabetic BB-Wistar rat, possible early correlate of human diabetic neuropathy (Sima et al), 264
- Baclofen**
morbilliform rash secondary to baclofen ingestion (Lynde et al), LETTER, 216
- Basal forebrain**
basal forebrain neurons in the dementia of Parkinson disease (Whitehouse et al), 243
- Basal ganglia, injuries**
neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
- Basal ganglia diseases**
somatostatin is increased in basal ganglia in Huntington disease (Aronin et al), 519
- Basal nuclei.** See Ganglia, basal
- Behavioral activation**
blood flow changes in arteriovenous malformation during behavioral activation (Deutsch), 38
- Benzodiazepines**
familial paroxysmal dystonic choreoathetosis and response to alternate-day oxazepam therapy (Kurlan and Shoulson), 456
- Beta-galactosidases, deficiency**
 β -galactosidase-neuraminidase deficiency (galactosialidosis), clinical, pathological, and enzymatic studies in post-mortem case (Sakuraba et al), 497
- Blepharoptosis**
unilateral straight hair in congenital Horner syndrome due to stellate ganglion tumor (Shewmon), LETTER, 345
- Blepharospasm**
blepharospasm and orofacial-cervical dystonia, clinical and pharmacological findings in 100 patients (Jankovic and Ford), 402
- Blood-brain barrier**
effects of dexamethasone administration and withdrawal on water permeability across blood-brain barrier (Reid et al), 28
- Books**
brief reviews, 112, 226
Advances in Neurology, Vol 30: Diagnosis and Treatment of Brain Ischemia, edited by Carney and Anderson (Fieschi), 468
Cholinergic Mechanisms: Phylogenetic Aspects, Central and Peripheral Synapses, and Clinical Significance, edited by Pepeu and Ladinsky (Gibson), 584
Cortical Dysfunctioning in Children with Specific Reading Disability, by Sobotowitz and Evans (Nass), 584
Disorders of the Cerebellum, by Gilman et al (Montgomery), 468
Handbook of Physiology, Section 1: The Nervous System, Vol II. Motor Control, Parts 1 and 2, edited by Brookhart and Mountcastle (Gilman), 111
Medical Neurobiology, Third edition, by Willis and Grossman (Gjedde), 585
Moral, Ethical, and Legal Issues in the Neurosciences, edited by Morley (Plum), 585
Neurological Anatomy in Relation to Clinical Medicine, Third edition, by Brodal (Moore and Moore), 349
Organic Brain Syndromes: An Introduction to Neurobehavioral Disorders, by Strub and Black (Sidtis), 586
The Neurophysiology of the Cerebral Cortex, by Bindman and Lippold (Saper), 585
The Practice of Pediatric Neurology, by Swaimann and Wright (Plum), 585
Sexual Dysfunction in Neurological Disorders: Diagnosis, Management, and Rehabilitation, by Boller and Frank (Caronna), 112
Viral Infections of the Nervous System, by Johnson (Price), 586
- Brain asymmetries**
facial recognition and brain asymmetries, clues to underlying mechanisms (Gazzaniga and Smylie), 536
- Brain damage**
pathophysiology of brain ischemia (Raichle), **NEUROLOGICAL PROGRESS**, 2
- Brain diseases**
comparative effects of organic brain disease on cerebral blood flow and measured intelligence (Butler et al), 155
intermittent thiamine deficiency in Rhesus monkey. I. Progression of neurological signs and neuroanatomical lesions (Witt and Goldman-Rakic), 376
- Brain edema**
induction of brain edema following intracerebral injection of arachidonic acid (Chan et al), 625
- Brain ischemia, pathophysiology**
pathophysiology of brain ischemia (Raichle), **NEUROLOGICAL PROGRESS**, 2
- Brainstem ischemia**
"salt and pepper on the face" pain in acute brainstem ischemia (Caplan and Gorelick), **NOTE**, 344
- Bromocriptine.** See 2-Bromoergocriptine
- 2-Bromoergocriptine**
bromocriptine and lisuride in Parkinson disease (Lieberman et al), 44
- Calcium ion concentrations**
abnormalities of erythrocytes in Duchenne muscular dystrophy (Yoshida et al), 649
- Cannabis**
neurological and neuroradiological examination of chronic cannabis smokers (Hannerz and Hindmarsh), 207
- Carbachol**
seizures induced by carbachol, morphine, and leucine-enkephalin (Snead), 445
- Carbamazepine**
effect of carbamazepine on coumadin metabolism (Massey), **LETTER**, 691
hematological monitoring during therapy with carbamazepine in children (Silverstein et al), **NOTE**, 685
superior oblique myokymia (Rosenberg and Glaser), 667
- Carnitine**
folate metabolism disorder in Kearns-Sayre syndrome (Dougados et al), **LETTER**, 687
- Carotid arteries**
extracranial vascular changes and the source of pain in migraine headache (Drummond and Lance), 32
- Carpal tunnel syndrome**
use of Tinel's sign in carpal tunnel syndrome (Bowles et al), **LETTER**, 689
- Cathepsin**
immunocytochemical studies of cathepsin D in human skeletal muscle (Whitaker et al), 133
- Cell, cultured**
toxic effect of phenytoin on developing cortical neurons in culture (Swaiman et al), 48
- Cell membrane**
freeze-fracture analysis of plasma membrane cholesterol in Duchenne muscle (Fischbeck et al), 532

- Central nervous system
 amitriptyline potentiates morphine analgesia by direct action on central nervous system (Botney and Fields), 160
- Central nervous system diseases
 oligoclonal IgG bands in cerebrospinal fluid in various neurological diseases (Chu et al), 434
- Central nervous system diseases, in infancy and childhood
 neurodegenerative diseases of infancy and childhood (Dyken and Krawiecki), *NEUROLOGICAL PROGRESS*, 351
- Central nervous system excitation
 central nervous system excitatory effects of meperidone in cancer patients (Kaiko et al), 180
- Cerebellar cortex, ultrastructure
 cerebellar cortex ultrastructure in ataxia-telangiectasia (Paula-Barbosa et al), 297
- Cerebral blood flow
 blood flow changes in arteriovenous malformation during behavioral activation (Deutsch), 38
 comparative effects of organic brain disease on cerebral blood flow and measured intelligence (Butler et al), 155
- Cerebral commissurotomy
 facial recognition and brain asymmetries, clues to underlying mechanisms (Gazzaniga and Smylie), 536
- Cerebral embolism
 cerebral emboli of paradoxical origin (Jones et al), 314
 confirmation of cerebral air embolism with computerized tomography (Hwang et al), *NOTE*, 214
- Cerebral infarction
 computed tomographic scan correlates of auditory comprehension deficits in aphasia (Selnes et al), 558
- Cerebral ischemia
 cerebral emboli of paradoxical origin (Jones et al), 314
- Cerebral palsy
 neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
- Cerebrospinal fluid
 cerebrospinal fluid γ -aminobutyric acid in spasmodic torticollis (Abbott et al), *LETTER*, 342; reply (Korein and Kupersmith), *LETTER*, 342
- Cerebrospinal fluid folate
 Kearns-Sayre syndrome with reduced plasma and cerebrospinal fluid folate (Allen et al), 679
- Cerebrovascular circulation
 changes in regional cerebral blood flow during the course of classic migraine attacks (Lauritzen et al), 633
- Cerebrovascular disorders
 cerebral emboli of paradoxical origin (Jones et al), 314
- Cervicomedullary lesion
 dissociation of early SEP components in unilateral traumatic section of lower medulla (Mauguière et al), 309
- Chickenpox
 sudden deafness in chickenpox (Bhandari and Steinman), *LETTER*, 347
- Cholestasis
 neuromuscular dysfunction and ultrastructural pathology in children with chronic cholestasis and vitamin E deficiency (Werlin et al), 291
- Cholesterol
 freeze-fracture analysis of plasma membrane cholesterol in Duchenne muscle (Fischbeck et al), 532
- Choline
 oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491
- Cholinergic fibers
 neuron loss in the nucleus basalis of Meynert in Parkinsonism-dementia complex of Guam (Nakano and Hirano), 87
- Cholinergic neurons
 basal forebrain neurons in the dementia of Parkinson disease (Whitehouse et al), 243
- Chorea
 chorea in long-term use of pemoline (Singh et al), *NOTE*, 218
 tuberous sclerosis and chorea (Evans and Jankovic), *LETTER*, 106
- Choreoathetosis, dystonic
 familial paroxysmal dystonic choreoathetosis and response to alternate-day oxazepam therapy (Kurlan and Shoulson), 456
- Clonazepam
 myoclonic ocular jerks (Selhorst et al), 212
- Confusion
 transderm pupil and confusion in a 10 year old (Johnson and Moore), *LETTER*, 583
- Convulsions
 how often does CSF pleocytosis follow generalized convulsions? (Edwards et al), 460
- Corpus striatum
 neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
 striatal and limbic dopamine function (Alpert and Iversen), *LETTER*, 578
- Cortical neurons
 toxic effect of phenytoin on developing cortical neurons in culture (Swaiman et al), 48
- Cortical tissue
 studies of human and monkey "epileptic" neocortex in the in vitro slice preparation (Schwartzkroin et al), 249
- Coumadin. *See* Warfarin sodium
- Coxsackie virus infections
 syndrome of opsoclonus-myoclonus caused by Coxsackie B3 infection (Kuban et al), 69
- Creatine kinase
 creatine kinase isozymes in Duchenne dystrophy (Desai and Varadkar), *LETTER*, 110; reply (Ionasescu and Feld), *LETTER*, 110
- Cytarabine
 relapsing herpes simplex encephalitis following antiviral therapy (Davis and McLaren), 192
- Cytosine arabinoside. *See* Cytarabine
- Deafness, sudden
 sudden deafness in chickenpox (Bhandari and Steinman), *LETTER*, 347
- Dementia
 slowly progressive aphasia without generalized dementia (Heath et al), *LETTER*, 687
- Dementia, presenile
 basal forebrain neurons in the dementia of Parkinson disease (Whitehouse et al), 243
 epidemiological surveillance of amyotrophic lateral sclerosis and Parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands (Yanagihara et al), 79
- Dementia, senile
 immunocytochemical comparison of neurofibrillary tangles in senile dementia of Alzheimer type, progressive supranuclear palsy, and postencephalitic Parkinsonism (Yen et al), 172
- Demyelinating diseases
 delayed onset of post-rabies vaccination encephalitis (Gamboa et al), 676
 persistent infection of oligodendrocytes in Theiler's virus-induced encephalomyelitis (Rodriguez et al), 426

- serum demyelinating factors in multiple sclerosis (Seil et al), 664
- Demyelination**
segmental demyelination and remyelination in lumbar spinal roots of patients dying with diabetes mellitus (Ohnishi et al), 541
- Depth electroencephalography**
depth electroencephalography in patient selection for surgical treatment of epilepsy (Zifkin and Ehrenberg), LETTER, 580; reply (Spencer et al), LETTER, 580; reply (Engel et al), LETTER, 581
- Dermatomyositis**
T-cell subsets in polymyositis (Iyer et al), 452
- Dexamethasone**
effects of dexamethasone administration and withdrawal on water permeability across blood-brain barrier (Reid et al), 28
- Diabetes mellitus**
axonal atrophy in sensory nerves of diabetic BB-Wistar rat, possible early correlate of human diabetic neuropathy (Sima et al), 264
segmental demyelination and remyelination in lumbar spinal roots of patients dying with diabetes mellitus (Ohnishi et al), 541
- Diabetic neuropathies**
axonal atrophy in sensory nerves of diabetic BB-Wistar rat, possible early correlate of human diabetic neuropathy (Sima et al), 264
- Dimethoate**
no effect from double-blind trial of physostigmine and lecithin in Alzheimer disease (Wettstein), 210
- DNA repair**
evidence that lack of deoxyribonucleic acid repair causes death of neurons in xeroderma pigmentosum (Robbins et al), 682
- Dopamine**
progressive supranuclear palsy, clinical features and response to treatment in 16 patients (Jackson et al), 273
striatal and limbic dopamine function (Alpert and Iversen), LETTER, 578
- Dopamine depletion**
lithium interferes with reserpine-induced dopamine depletion (Reches et al), 671
- Down's syndrome**
parental age as a risk factor in Alzheimer's disease (Corkin et al), 674
- Duchenne dystrophy.** See Muscular dystrophy
- Duchenne muscular dystrophy.** See Muscular dystrophy
- Dyskinesia.** See Movement disorders
- Dyskinesia, drug induced**
lithium interferes with reserpine-induced dopamine depletion (Reches et al), 671
- Dyskinesia, tardive.** See Dyskinesia, drug induced
- Dystonia**
lithium ineffective in dystonia (Koller and Biary), LETTER, 579
- Echocardiography**
roles of echocardiography and arrhythmia monitoring in evaluation of patients with suspected systemic embolism (Come et al), 527
- Edentia**
edentulous orodyskinesia (Koller), 97
- Editor's Note,** 1
- Electrodes, implanted**
depth electroencephalography in patient selection for surgical treatment of epilepsy (Zifkin and Ehrenberg), LETTER, 580; reply (Spencer et al), LETTER, 580; reply (Engel et al), LETTER, 581
- Electromyography**
electromyography in myotonic dystrophy (Streib and Sun), LETTER, 218; reply (Pryse-Phillips), LETTER, 219
- Electrophoresis, agar cell**
occurrence of oligoclonal bands in multiple sclerosis and other CNS diseases (Miller et al), 53
- Electrophoresis, polyacrylamide gel**
oligoclonal IgG bands in cerebrospinal fluid in various neurological diseases (Chu et al), 434
- Electrophysiology**
electrophysiology of Duchenne dystrophy myotubes in tissue culture (Rothman and Bischoff), 176
- Embolism, systemic**
roles of echocardiography and arrhythmia monitoring in evaluation of patients with suspected systemic embolism (Come et al), 527
- Emotional disturbances.** See Affective disturbances
- Encephalitis**
postvaccinal encephalitis (Poser), LETTER, 341; reply (Fenichel), LETTER, 341
recurrent herpes simplex encephalitis, recovery of virus after Ara-A treatment (Dix et al), 196
relapsing herpes simplex encephalitis following antiviral therapy (Davis and McLaren), 192
thirst, resetting of the osmostat, and water intoxication following encephalitis (Howe et al), 201
- Encephalitis, post-vaccinal**
delayed onset of post-rabies vaccination encephalitis (Gamboa et al), 676
- Encephalomyelitis**
computed tomography in acute disseminated encephalomyelitis (Lukes and Norman), 567
- Encephalomyelitis, allergic**
chronic experimental allergic encephalomyelitis produced by bovine proteolipid apoprotein, immunological studies in rabbits (Cambi et al), 303
- Encephalomyelitis virus, murine**
persistent infection of oligodendrocytes in Theiler's virus-induced encephalomyelitis (Rodriguez et al), 426
- Enkephalins**
seizures induced by carbachol, morphine, and leucine-enkephalin (Snead), 445
- Ephedrine**
intracerebral hemorrhage and vasculitis related to ephedrine abuse (Wooten et al), 337
- Epilepsy**
depth electroencephalography in patient selection for surgical treatment of epilepsy (Zifkin and Ehrenberg), LETTER, 580; reply (Spencer et al), LETTER, 580; reply (Engel et al), LETTER, 581
removal of sedative-hypnotic antiepileptic drugs from regimens of patients with intractable epilepsy (Theodore and Porter), 320
studies of human and monkey "epileptic" neocortex in the in vitro slice preparation (Schwartzkroin et al), 249
- Epilepsy, in infancy and childhood**
epilepsies of infancy and childhood (Gomez and Klass), NEUROLOGICAL PROGRESS, 113
- Epilepsy, focal**
functional anatomy of focal epilepsy (Collins), LETTER, 223; reply (Olivier et al), LETTER, 224
- Epilepsy, petit mal**
long-term prognosis in two forms of childhood epilepsy, typical absence seizures and epilepsy with Rolandic (centrotemporal) EEG foci (Loiseau et al), 642

- Epilepsy, rolandic electroencephalographic foci. *See* Jacksonian seizure
- Epilepsy, temporal lobe
preoperative CT diagnosis of mesial temporal sclerosis for surgical treatment of epilepsy (Wyler and Bolender), 59
- Erythrocytes, abnormalities
abnormalities of erythrocytes in Duchenne muscular dystrophy (Yoshida et al), 649
- Evoked potentials
evoked potential abnormalities in various inherited ataxias (Nuwer et al), 20
juvenile metachromatic leukodystrophy, evoked potentials and computed tomography (Carlin et al), NOTE, 105
- Evoked potentials, somatosensory
dissociation of early SEP components in unilateral traumatic section of lower medulla (Mauguière et al), 309
- Eye movements
superior oblique myokymia (Rosenberg and Glaser), 667
- Facial pain
"salt and pepper on the face" pain in acute brainstem ischemia (Caplan and Gorelick), NOTE, 344
- Facial recognition
facial recognition and brain asymmetries, clues to underlying mechanisms (Gazzaniga and Smylie), 536
- Facial thermography
extracranial vascular changes and the source of pain in migraine headache (Drummond and Lance), 32
- Fibroblasts
Friedreich ataxia and low pyruvate carboxylase activity in liver and fibroblasts (Dijkstra et al), 325
- Fischer's syndrome
ophthalmoplegic polyneuropathy associated with infectious mononucleosis (Salazar et al), LETTER, 219
- Folate metabolism
folate metabolism disorder in Kearns-Sayre syndrome (Dougados et al), LETTER, 687
- Folic acid deficiency
folate metabolism disorder in Kearns-Sayre syndrome (Dougados et al), LETTER, 687
- Freeze-fracturing
freeze-fracture analysis of plasma membrane cholesterol in Duchenne muscle (Fischbeck et al), 532
- Friedreich's ataxia
Friedreich ataxia and low pyruvate carboxylase activity in liver and fibroblasts (Dijkstra et al), 325
- Ganglia, basal
neuron loss in the nucleus basalis of Meynert in Parkinsonism-dementia complex of Guam (Nakano and Hirano), 87
- Glioma
incidence and treatment of peripheral venous thrombosis in patients with glioma (Ruff and Posner), 334
- Glutamine
cerebrospinal fluid γ -aminobutyric acid in spasmodic torticollis (Abbott et al), LETTER, 342; reply (Korein and Kupersmith), LETTER, 342
- Glutaric acidemia, in infancy and childhood
glutaric acidemia as cause of striatal necrosis in childhood (Goodman and Noremborg), LETTER, 582; reply (Goutières and Aicardi), LETTER, 583
- Guam
neuron loss in the nucleus basalis of Meynert in Parkinsonism-dementia complex of Guam (Nakano and Hirano), 87
- Hallervorden-Spatz disease
a sibship with neuroaxonal dystrophy and renal tubular acidosis, a new syndrome? (Maccario et al), 608
- Hematologic monitoring
hematological monitoring during therapy with carbamazepine in children (Silverstein et al), NOTE, 685
- Hemodialysis
permanent neurological deficits due to lithium toxicity (Apte and Langston), 453
- Hemorrhagic leukoencephalitis, diagnosis
computerized tomography as diagnostic aid in acute hemorrhagic leukoencephalitis (Rothstein and Shaw), 331
- Hepatolenticular degeneration
CT manifestation of cerebral white matter lesion in Wilson disease (Takano et al), LETTER, 108
- Hereditary diseases
dominantly inherited syndrome with continuous motor neuron discharges (Ashizawa et al), 285
- Herpes simplex
recurrent herpes simplex encephalitis, recovery of virus after Ara-A treatment (Dix et al), 196
relapsing herpes simplex encephalitis following antiviral therapy (Davis and McLaren), 192
- Herpes zoster
herpes zoster and central retinal artery occlusion (Hall et al), LETTER, 217
- Hip prosthesis
obturator neuropathy after total hip replacement (Melamed and Satya-Murti), LETTER, 578
passive joint position sense after total hip replacement surgery (Karanjia and Ferguson), 654
- Horner's syndrome
unilateral straight hair in congenital Horner syndrome due to stellate ganglion tumor (Shewmon), LETTER, 345
- Huntington chorea
decreased pyruvate dehydrogenase complex activity in Huntington and Alzheimer brain (Sorbi et al), 72
somatostatin is increased in basal ganglia in Huntington disease (Aronin et al), 519
- Hydrogen nuclear magnetic resonance
nuclear magnetic resonance imaging in multiple sclerosis (Lukes et al), 592
- Hyperemesis gravidarum
downbeat nystagmus with a pseudocycloid waveform, improvement with base-out prisms (Lavin et al), 621
- Hypersomnia
cerebral fluid monoamine metabolites in narcolepsy and hypersomnia (Faull et al), 258
- Hyperthermia
major morbidity related to hyperthermia in multiple sclerosis (Waxman and Geschwind), LETTER, 348
- Hypnotics and sedatives, toxicity
removal of sedative-hypnotic antiepileptic drugs from regimens of patients with intractable epilepsy (Theodore and Porter), 320
- Hyponatremia
central pontine myelinolysis following rapid correction of hyponatremia (Laureno), 232
- Hypoxic ischemia
neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
- Immunization
postvaccinal encephalitis (Poser), LETTER, 341; reply (Fenichel), LETTER, 341

- Immunocytochemical studies
immunocytochemical studies of cathepsin D in human skeletal muscle (Whitaker et al), 133
- Immunoglobulin, cerebrospinal fluid
oligoclonal IgG bands in cerebrospinal fluid in various neurological diseases (Chu et al), 434
- Infantile neuroaxonal dystrophy
a sibship with neuroaxonal dystrophy and renal tubular acidosis, a new syndrome? (Maccario et al), 608
- Infectious mononucleosis
ophthalmoplegic polyneuropathy associated with infectious mononucleosis (Salazar et al), LETTER, 219
- Influenza vaccine, adverse effects
postvaccinal encephalitis (Poser), LETTER, 341; reply (Fenichel), LETTER, 341
- Inosiplex
progressive CT abnormalities despite clinical improvement in SSPE treated with inosiplex (Noetzel and Dodson), 457
- Intelligence
diffuse involvement in progressive aphasia (Foster and Chase), LETTER, 224; reply (Mesulam and Weintraub), LETTER, 225
- Internal carotid arteries aneurysms
pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Intracerebral hemorrhage
intracerebral hemorrhage and vasculitis related to ephedrine abuse (Wooten et al), 337
- Isoniazid
cerebrospinal fluid γ -aminobutyric acid in spasmodic torticollis (Abbott et al), LETTER, 342; reply (Korein and Kupersmith), LETTER, 342
- Jacksonian seizure
long-term prognosis in two forms of childhood epilepsy, typical absence seizures and epilepsy with Rolandic (centrotemporal) EEG foci (Loiseau et al), 642
- Kearns-Sayre syndrome
folate metabolism disorder in Kearns-Sayre syndrome (Dougados et al), LETTER, 687
Kearns-Sayre syndrome with reduced plasma and cerebrospinal fluid folate (Allen et al), 679
- Lecithin
no effect from double-blind trial of physostigmine and lecithin in Alzheimer disease (Wettstein), 210
oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491
- Leucine
seizures induced by carbachol, morphine, and leucine-enkephalin (Snead), 445
- Leukodystrophy, metachromatic, in infancy and childhood
juvenile metachromatic leukodystrophy, evoked potentials and computed tomography (Carlin et al), NOTE, 105
- Leukoencephalopathy, progressive multifocal
progressive multifocal leukoencephalopathy, a burnt-out case (Price et al), 485
- Levodopa
bromocriptine and lisuride in Parkinson disease (Lieberman et al), 44
- Lhermitte's sign
"Lhermitte's sign" as presenting symptom of subacute combined degeneration of the cord (Sandyk and Brennan), LETTER, 215
- Limbic system
striatal and limbic dopamine function (Alpert and Iversen), LETTER, 578
- Lisuride
bromocriptine and lisuride in Parkinson disease (Lieberman et al), 44
- Lithium
action myoclonus in lithium toxicity (Rosen and Stevens), LETTER, 221
lithium ineffective in dystonia (Koller and Biary), LETTER, 579
lithium interferes with reserpine-induced dopamine depletion (Reches et al), 671
- Lithium toxicity
permanent neurological deficits due to lithium toxicity (Apte and Langston), 453
- Liver
Friedreich ataxia and low pyruvate carboxylase activity in liver and fibroblasts (Dijkstra et al), 325
- Local cerebral glucose utilization
sequence of metabolic, clinical, and histological events in experimental thiamine deficiency (Hakim and Pappius), 365
- Lumbar spinal roots
segmental demyelination and remyelination in lumbar spinal roots of patients dying with diabetes mellitus (Ohnishi et al), 541
- Lymphocytes, cerebrospinal fluid
how often does CSF pleocytosis follow generalized convulsions? (Edwards et al), 460
- Lymphocytotoxic antibodies. *See* Antilymphocyte serum
- Mariana Islands. *See* Micronesia
- Medial lemniscus
abnormal unloading reflex in patient with infarction of medial lemniscus (Angel and Goldstein), 279
- Median nerve
dissociation of early SEP components in unilateral traumatic section of lower medulla (Mauguière et al), 309
- Memory
oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491
- Memory loss
intermittent thiamine deficiency in Rhesus monkey. II. Evidence for memory loss (Witt and Goldman-Rakic), 396
- Meningioma
association of meningiomas with obesity (Bellur et al), LETTER, 346
- Meperidone
central nervous system excitatory effects of meperidone in cancer patients (Kaiko et al), 180
- Micronesia
epidemiological surveillance of amyotrophic lateral sclerosis and Parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands (Yanagihara et al), 79
- Migraine
changes in regional cerebral blood flow during the course of classic migraine attacks (Lauritzen et al), 633
extracranial vascular changes and the source of pain in migraine headache (Drummond and Lance), 32
observations on the efficacy of propranolol for the prophylaxis of migraine (Rosen), 92
- Mitochondria
serum mitochondrial aspartate aminotransferase in patients with polymyositis (Ogasahara et al), 100

- Monoamine metabolites, cerebrospinal fluid
cerebral fluid monoamine metabolites in narcolepsy and hypersomnia (Faull et al), 258
- Morphine
amitriptyline potentiates morphine analgesia by direct action on central nervous system (Botney and Fields), 160
seizures induced by carbachol, morphine, and leucine-enkephalin (Snead), 445
- Motor neurons
dominantly inherited syndrome with continuous motor neuron discharges (Ashizawa et al), 285
- Movement disorders
edentulous orodyskinesia (Koller), 97
nuclear magnetic resonance imaging in movement disorders (Lukes et al), LETTER, 690
- Multiple sclerosis
disease activity and emotional state in multiple sclerosis (Dalos et al), 573
global aphasia in multiple sclerosis (Friedman et al), LETTER, 222
immunoregulatory T-cells and lymphocytotoxic antibodies in active multiple sclerosis, weekly analysis over a six-month period (Hauser et al), 418
major morbidity related to hyperthermia in multiple sclerosis (Waxman and Geschwind), LETTER, 348
Na⁺- and K⁺-dependent adenosine triphosphatase changes in multiple sclerosis plaques (Hirsch and Parks), 658
nuclear magnetic resonance imaging in multiple sclerosis (Lukes et al), 592
serum demyelinating factors in multiple sclerosis (Seil et al), 664
tetrahydrocannabinol for tremor in multiple sclerosis (Clifford), 669
- Multiple sclerosis, diagnosis
new diagnostic criteria for multiple sclerosis, guidelines for research protocols (Poser et al), SPECIAL ARTICLE, 227
occurrence of oligoclonal bands in multiple sclerosis and other CNS diseases (Miller et al), 53
- Muscle contraction
abnormal unloading reflex in patient with infarction of medial lemniscus (Angel and Goldstein), 279
muscle wasting in muscular dystrophy, decreased protein synthesis or increased degradation? (Griggs and Renie), EDITORIAL, 125
- Muscle spasticity
prenatal symmetrical thalamic degeneration with flexion spasticity at birth (Parisi et al), 94
- Muscular atrophy
normal vitamin E status in spinal muscular atrophy (Sokol and Iannaccone), 328
- Muscular dystrophy
abnormalities of erythrocytes in Duchenne muscular dystrophy (Yoshida et al), 649
creatine kinase isozymes in Duchenne dystrophy (Desai and Varadkar), LETTER, 110; reply (Ionasescu and Feld), LETTER, 110
electrophysiology of Duchenne dystrophy myotubes in tissue culture (Rothman and Bischoff), 176
freeze-fracture analysis of plasma membrane cholesterol in Duchenne muscle (Fischbeck et al), 532
muscle wasting in muscular dystrophy, decreased protein synthesis or increased degradation? (Griggs and Renie), EDITORIAL, 125
- Muscular dystrophy, x-linked
variability of x-linked muscular dystrophy (Fischbeck and Schotland), LETTER, 217
- Myasthenia gravis
electrophysiological effects of myasthenic serum factors studied in mouse muscle (Lerrick et al), 186
rapid improvement of myasthenia gravis after plasma exchange? (Durelli et al), LETTER, 220
- Myasthenia gravis, in infancy and childhood
myasthenia gravis in children (Rodriguez et al), 504
- Myasthenic serum factors
electrophysiological effects of myasthenic serum factors studied in mouse muscle (Lerrick et al), 186
- Myelin
central pontine myelinolysis following rapid correction of hyponatremia (Laurenco), 232
- Myelitis
persistent infection of oligodendrocytes in Theiler's virus-induced encephalomyelitis (Rodriguez et al), 426
- Myoclonus
action myoclonus in lithium toxicity (Rosen and Stevens), LETTER, 221
syndrome of opsoclonus-myoclonus caused by Coxsackie B3 infection (Kuban et al), 69
- Myoglobinuria
phosphoglycerate kinase deficiency, another cause of recurrent myoglobinuria (DiMaura et al), 11
- Myositis
serum mitochondrial aspartate aminotransferase in patients with polymyositis (Ogasahara et al), 100
- Myotonia
electromyography in myotonic dystrophy (Streib and Sun), LETTER, 218; reply (Pryse-Phillips), LETTER, 219
- Myotubes
electrophysiology of Duchenne dystrophy myotubes in tissue culture (Rothman and Bischoff), 176
- Naloxone
analgesic activity of tricyclic antidepressants (Spiegel et al), 462
naloxone of no benefit in amyotrophic lateral sclerosis (Silani et al), LETTER, 222
- Narcolepsy
cerebral fluid monoamine metabolites in narcolepsy and hypersomnia (Faull et al), 258
- Nerve degeneration
evidence that lack of deoxyribonucleic acid repair causes death of neurons in xeroderma pigmentosum (Robbins et al), 682
- Nerve growth factors
is Alzheimer disease caused by lack of nerve growth factor? (Hefti), LETTER, 109
- Nerve regeneration
comparison between fascicular and whole sural nerve biopsy (Pollock et al), 65
- Nervous system diseases, immunology
immunity and the nervous system, basic tenets (Waksman), SPECIAL ARTICLE, 587
- Neuraminidase, deficiency
β-galactosidase-neuraminidase deficiency (galactosialidosis), clinical, pathological, and enzymatic studies in post-mortem case (Sakuraba et al), 497
- Neurodegenerative diseases, in infancy and childhood
neurodegenerative diseases of infancy and childhood (Dyken and Krawiecki), NEUROLOGICAL PROGRESS, 351
- Neurofibrils
immunocytochemical comparison of neurofibrillary tangles in senile dementia of Alzheimer type, progressive supranuclear palsy, and postencephalitic Parkinsonism (Yen et al), 172

- Neuroleptics. *See* Tranquilizing agents, major
- Neurological deficits
 permanent neurological deficits due to lithium toxicity (Apte and Langston), 453
- Neurological progress
 epilepsies of infancy and childhood (Gomez and Klass), 113
 neurodegenerative diseases of infancy and childhood (Dyken and Krawiecki), 351
 neurotoxicity of radiological contrast agents (Junck and Marshall), 469
 pathophysiology of brain ischemia (Raichle), 2
- Neuromuscular diseases, in infancy and childhood
 neuromuscular dysfunction and ultrastructural pathology in children with chronic cholestasis and vitamin E deficiency (Werlin et al), 291
- Neuronal degeneration. *See* Nerve degeneration
- Neurons
 toxic effect of phenytoin on developing cortical neurons in culture (Swaiman et al), 48
- Neuroregulators
 neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
- Neurotransmitters. *See* Neuroregulators
- Nuclear magnetic resonance
 nuclear magnetic resonance imaging in movement disorders (Lukes et al), LETTER, 690
- Nystagmus
 case of downbeat nystagmus influenced by otolith stimulation (Chambers et al), 204
 downbeat nystagmus with a pseudocycloid waveform, improvement with base-out prisms (Lavin et al), 621
 variable waveforms in downbeat nystagmus imply short-term gain changes (Abel et al), 616
- Obesity
 association of meningiomas with obesity (Bellur et al), LETTER, 346
- Obturator nerve
 obturator neuropathy after total hip replacement (Melamed and Satya-Murti), LETTER, 578
- Ocular myoclonus
 myoclonic ocular jerks (Selhorst et al), 212
- Oculomotor nerve
 pupil sparing in oculomotor palsy (Nadeau and Trobe), 143
 pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Oculomotor palsy
 pupil sparing in oculomotor palsy (Nadeau and Trobe), 143
 pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Oligoclonal bands
 occurrence of oligoclonal bands in multiple sclerosis and other CNS diseases (Miller et al), 53
- Oligodendroglia
 persistent infection of oligodendrocytes in Theiler's virus-induced encephalomyelitis (Rodriguez et al), 426
- Ophthalmoplegia
 ophthalmoplegic polyneuropathy associated with infectious mononucleosis (Salazar et al), LETTER, 219
- Opsoclonus
 syndrome of opsoclonus-myoclonus caused by Coxsackie B3 infection (Kuban et al), 69
- Oral dyskinesia
 edentulous orodyskinesia (Koller), 97
- Orofacial-cervical dystonia
 blepharospasm and orofacial-cervical dystonia, clinical and pharmacological findings in 100 patients (Jankovic and Ford), 402
- Otolith stimulation
 case of downbeat nystagmus influenced by otolith stimulation (Chambers et al), 204
- Oxazepam
 familial paroxysmal dystonic choreoathetosis and response to alternate-day oxazepam therapy (Kurlan and Shoulson), 456
- Panautonomic neuropathy
 acute panautonomic neuropathy (Low et al), 412
- Paradoxical cerebral embolus
 cerebral emboli of paradoxical origin (Jones et al), 314
- Paralysis
 pupil sparing in oculomotor palsy (Nadeau and Trobe), 143
 pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Paralysis, familial periodic
 familial periodic paralysis, low muscle potassium permeability or high sodium permeability? (Schipperheyn and Buruma), 686
- Parasympathetic nervous system
 acute panautonomic neuropathy (Low et al), 412
- Parental age
 parental age as a risk factor in Alzheimer's disease (Corkin et al), 674
- Parkinson disease
 alcohol and Parkinson disease (Koller), LETTER, 467
 basal forebrain neurons in the dementia of Parkinson disease (Whitehouse et al), 243
 bromocriptine and lisuride in Parkinson disease (Lieberman et al), 44
 epidemiological surveillance of amyotrophic lateral sclerosis and Parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands (Yanagihara et al), 79
- Parkinson disease, postencephalitic
 immunocytochemical comparison of neurofibrillary tangles in senile dementia of Alzheimer type, progressive supranuclear palsy, and postencephalitic Parkinsonism (Yen et al), 172
- Parkinsonism, dementia
 epidemiological surveillance of amyotrophic lateral sclerosis and Parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands (Yanagihara et al), 79
 neuron loss in the nucleus basalis of Meynert in Parkinsonism-dementia complex of Guam (Nakano and Hirano), 87
- Passive joint position sense
 passive joint position sense after total hip replacement surgery (Karanjia and Ferguson), 654
- Pemoline
 chorea in long-term use of pemoline (Singh et al), NOTE, 218
- Peripheral nervous system diseases, in infancy and childhood
 neurodegenerative diseases of infancy and childhood (Dyken and Krawiecki), NEUROLOGICAL PROGRESS, 351
- Phenytoin
 Kearns-Sayre syndrome with reduced plasma and cerebrospinal fluid folate (Allen et al), 679

- Phenytoin, toxicity
toxic effect of phenytoin on developing cortical neurons in culture (Swaiman et al), 48
- Phosphoglycerate kinase, deficiency
phosphoglycerate kinase deficiency, another cause of recurrent myoglobinuria (DiMaura et al), 11
- Physostigmine
no effect from double-blind trial of physostigmine and lecithin in Alzheimer disease (Wettstein), 210
oral physostigmine and lecithin improve memory in Alzheimer disease (Thal et al), 491
- Plasma exchange
rapid improvement of myasthenia gravis after plasma exchange? (Durelli et al), LETTER, 220
- Plasma membrane. *See* Cell membrane
- Plasma volume
Kearns-Sayre syndrome with reduced plasma and cerebrospinal fluid folate (Allen et al), 679
- Polyglucosan bodies
adult polyglucosan body disease, clinical and nerve biopsy findings in two cases (Vos et al), 440
- Polymyositis
T-cell subsets in polymyositis (Iyer et al), 452
- Polyneuritis, acute idiopathic
ophthalmoplegic polyneuropathy associated with infectious mononucleosis (Salazar et al), LETTER, 219
- Polyunsaturated fatty acids
induction of brain edema following intracerebral injection of arachidonic acid (Chan et al), 625
- Pons
central pontine myelinolysis following rapid correction of hyponatremia (Laureno), 232
- Pontine lesions
abnormal unloading reflex in patient with infarction of medial lemniscus (Angel and Goldstein), 279
- Posterior communicating artery aneurysms
pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Potassium, permeability
familial periodic paralysis, low muscle potassium permeability or high sodium permeability? (Schipperheyn and Buruma), 686
- Probenecid
cerebral fluid monoamine metabolites in narcolepsy and hypersomnia (Faull et al), 258
- Progressive supranuclear palsy
immunocytochemical comparison of neurofibrillary tangles in senile dementia of Alzheimer type, progressive supranuclear palsy, and postencephalitic Parkinsonism (Yen et al), 172
- Progressive supranuclear palsy, drug therapy
progressive supranuclear palsy, clinical features and response to treatment in 16 patients (Jackson et al), 273
- Propranolol
effect of single oral dose of propranolol on essential tremor, a double-blind controlled study (Calzetti et al), 165
observations on efficacy of propranolol for prophylaxis of migraine (Rosen), 92
- Protein degradation
muscle wasting in muscular dystrophy, decreased protein synthesis or increased degradation? (Griggs and Renzie), EDITORIAL, 125
- Protein synthesis
muscle wasting in muscular dystrophy, decreased protein synthesis or increased degradation? (Griggs and Renzie), EDITORIAL, 125
- Proteolipids
chronic experimental allergic encephalomyelitis produced by bovine proteolipid apoprotein, immunological studies in rabbits (Cambi et al), 303
- Ptosis, eyelid. *See* Blepharoptosis
- Pupil sparing
pupil sparing in oculomotor palsy (Nadeau and Trobe), 143
pupil-sparing oculomotor palsies with internal carotid-posterior communicating artery aneurysms (Kissel et al), 149
- Pyridoxine
pyridoxine-dependency seizure, report of a rare presentation (Krishnamoorthy), 103
- Pyriethamine
sequence of metabolic, clinical, and histological events in experimental thiamine deficiency (Hakim and Pappius), 365
- Pyruvate carboxylase
Friedreich ataxia and low pyruvate carboxylase activity in liver and fibroblasts (Dijkstra et al), 325
- Pyruvate dehydrogenase complex
decreased pyruvate dehydrogenase complex activity in Huntington and Alzheimer brain (Sorbi et al), 72
- Rabies vaccine, adverse effects
delayed onset of post-rabies vaccination encephalitis (Gamboa et al), 676
- Radiological contrast agents, toxicity
neurotoxicity of radiological contrast agents (Junck and Marshall), NEUROLOGICAL PROGRESS, 469
- Remyelination
segmental demyelination and remyelination in lumbar spinal roots of patients dying with diabetes mellitus (Ohnishi et al), 541
- Renal tubular acidosis
a sibship with neuroaxonal dystrophy and renal tubular acidosis, a new syndrome? (Maccario et al), 608
- Reovirus type 3 encephalitis
age dependent susceptibility to reovirus type 3 encephalitis, role of viral and host factors (Tardieu et al), 602
- Reserpine
lithium interferes with reserpine-induced dopamine depletion (Reches et al), 671
- Respirators
respirator support in amyotrophic lateral sclerosis (Bradley), LETTER, 466
- Retinal artery
herpes zoster and central retinal artery occlusion (Hall et al), LETTER, 217
- Rhesus monkey
intermittent thiamine deficiency in Rhesus monkey. I. Progression of neurological signs and neuroanatomical lesions (Witt and Goldman-Rakic), 376
intermittent thiamine deficiency in Rhesus monkey. II. Evidence for memory loss (Witt and Goldman-Rakic), 396
- Scopolamine, adverse effects
scopolamine psychosis revisited (Cairncross), LETTER, 582
transderm pupil and confusion in a 10 year old (Johnson and Moore), LETTER, 583
- Seizures
pyridoxine-dependency seizure, report of a rare presentation (Krishnamoorthy), 103
seizures induced by carbachol, morphine, and leucine-enkephalin (Snead), 445

- Seizures, in infancy and childhood
 hematological monitoring during therapy with carbamazepine in children (Silverstein et al), NOTE, 685
- Seizures, susceptibility
 tonic status epilepticus presenting as confusional state (Somerville and Bruni), 549
- Senile gait
 senile gait, correlation with computed tomographic scans (Koller et al), NOTE, 343
- Serum demyelinating factors
 serum demyelinating factors in multiple sclerosis (Seil et al), 664
- Skeletal muscles
 immunocytochemical studies of cathepsin D in human skeletal muscle (Whitaker et al), 133
- Skin rash
 morbilliform rash secondary to baclofen ingestion (Lynde et al), LETTER, 216
- Sodium, permeability
 familial periodic paralysis, low muscle potassium permeability or high sodium permeability? (Schipperheyn and Buruma), 686
- Sodium, potassium, ATPase. *See* Adenosine triphosphatase, sodium, potassium
- Sodium dodecyl sulfate
 oligoclonal IgG bands in cerebrospinal fluid in various neurological diseases (Chu et al), 434
- Somatostatin. *See* Somatotropin releasing inhibiting hormone
- Somatotropin releasing inhibiting hormone
 somatostatin is increased in basal ganglia in Huntington disease (Aronin et al), 519
- Spasmodic torticollis
 cerebrospinal fluid γ -aminobutyric acid in spasmodic torticollis (Abbott et al), LETTER, 342; reply (Korein and Kupersmith), LETTER, 342
- Spasticity, muscle. *See* Muscle spasticity
- Spinal cord
 "Lhermitte's sign" as a presenting symptom of subacute combined degeneration of the cord (Sandyk and Brennan), LETTER, 215
- Spinal cord cultures
 serum demyelinating factors in multiple sclerosis (Seil et al), 664
- Spondylitis, ankylosing
 variable waveforms in downbeat nystagmus imply short-term gain changes (Abel et al), 616
- Status epilepticus
 maturational changes in postictal refractoriness and seizure susceptibility in developing rats (Moshé and Albala), 552
- Stellate ganglia
 unilateral straight hair in congenital Horner syndrome due to stellate ganglion tumor (Shewmon), LETTER, 345
- Striatal necrosis, in infancy and childhood
 glutaric acidemia as cause of striatal necrosis in childhood (Goodman and Norenberg), LETTER, 582; reply (Goutières and Aicardi), LETTER, 583
- Stroke. *See* Cerebrovascular disorders
- Subacute sclerosing panencephalitis
 progressive CT abnormalities despite clinical improvement in SSPE treated with inosiplex (Noetzel and Dodson), 457
- Superior oblique myokymia
 superior oblique myokymia (Rosenberg and Glaser), 667
- Sural nerve
 comparison between fascicular and whole sural nerve biopsy (Pollock et al), 65
 neuromuscular dysfunction and ultrastructural pathology in children with chronic cholestasis and vitamin E deficiency (Werlin et al), 291
 segmental demyelination and remyelination in lumbar spinal roots of patients dying with diabetes mellitus (Ohnishi et al), 541
- Symmetrical thalamic degeneration
 prenatal symmetrical thalamic degeneration with flexion spasticity at birth (Parisi et al), 94
- Sympathetic nervous system
 acute panautonomic neuropathy (Low et al), 412
- Telangiectasia
 cerebellar cortex ultrastructure in ataxia-telangiectasia (Paula-Barbosa et al), 297
- Temporal arteries
 extracranial vascular changes and source of pain in migraine headache (Drummond and Lance), 32
- Temporal lobe, surgery
 preoperative CT diagnosis of mesial temporal sclerosis for surgical treatment of epilepsy (Wyler and Bolender), 59
- Tetrahydrocannabinol
 tetrahydrocannabinol for tremor in multiple sclerosis (Clifford), 669
- Thalamus
 prenatal symmetrical thalamic degeneration with flexion spasticity at birth (Parisi et al), 94
- Thalamus, injuries
 neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury (Johnston), 511
- Theiler's virus
 persistent infection of oligodendrocytes in Theiler's virus-induced encephalomyelitis (Rodriguez et al), 426
- Thiamine deficiency
 intermittent thiamine deficiency in Rhesus monkey. I. Progression of neurological signs and neuroanatomical lesions (Witt and Goldman-Rakic), 376
 intermittent thiamine deficiency in Rhesus monkey. II. Evidence for memory loss (Witt and Goldman-Rakic), 396
 sequence of metabolic, clinical, and histological events in experimental thiamine deficiency (Hakim and Pappius), 365
- Thirst
 thirst, resecting of the osmostat, and water intoxication following encephalitis (Howe et al), 201
- Tissue culture
 electrophysiology of Duchenne dystrophy myotubes in tissue culture (Rothman and Bischoff), 176
- Thrombophlebitis
 incidence and treatment of peripheral venous thrombosis in patients with glioma (Ruff and Posner), 334
- Thrombosis venous. *See* Thrombophlebitis
- Thymectomy
 myasthenia gravis in children (Rodriguez et al), 504
- Tinel's sign
 use of Tinel's sign in carpal tunnel syndrome (Bowles et al), LETTER, 689
- T-lymphocytes
 immunoregulatory T-cells and lymphocytotoxic antibodies in active multiple sclerosis, weekly analysis over a six-month period (Hauser et al), 418
 T-cell subsets in polymyositis (Iyer et al), 452
- Tomography, x-ray
 computerized tomography as diagnostic aid in acute hemorrhagic leukoencephalitis (Rothstein and Shaw), 331
 confirmation of cerebral air embolism with computerized tomography (Hwang et al), NOTE, 214

Tomography, x-ray (*continued*)

- CT manifestation of cerebral white matter lesion in Wilson disease (Takano et al), LETTER, 108
 - juvenile metachromatic leukodystrophy, evoked potentials and computed tomography (Carlin et al), NOTE, 105
 - progressive CT abnormalities despite clinical improvement in SSPE treated with inosiplex (Noetzel and Dodson), 457
 - preoperative CT diagnosis of mesial temporal sclerosis for surgical treatment of epilepsy (Wyler and Bolender), 59
 - senile gait, correlation with computed tomographic scans (Koller et al), NOTE, 343
- Tomography, x-ray computed
- computed tomography in acute disseminated encephalomyelitis (Lukes and Norman), 567
 - computed tomographic scan correlates of auditory comprehension deficits in aphasia (Selnes et al), 558
- Tonic seizures
- maturational changes in postictal refractoriness and seizure susceptibility in developing rats (Moshé and Albala), 552
- Tranquilizing agents, major
- persistent akathisia following neuroleptic withdrawal (Weiner and Luby), LETTER, 466
- Tremor
- tetrahydrocannabinol for tremor in multiple sclerosis (Clifford), 669
- Tremor, essential
- effect of single oral dose of propranolol on essential tremor, a double-blind controlled study (Calzetti et al), 165
- Tricyclic antidepressive agents. *See* Antidepressive agents, tricyclic
- Tuberous sclerosis
- tuberous sclerosis and chorea (Evans and Jankovic), LETTER, 106
- Typical absence seizures. *See* Epilepsy, petit mal
- Valproate toxicity
- safe readministration of valproate after episode of hepatotoxicity (Ramsay), LETTER, 688
- Vasculitis
- intracerebral hemorrhage and vasculitis related to ephedrine abuse (Wooten et al), 337
- Vidarabine
- recurrent herpes simplex encephalitis, recovery of virus after Ara-A treatment (Dix et al), 196

Virus diseases

- age dependent susceptibility to reovirus type 3 encephalitis, role of viral and host factors (Tardieu et al), 602
- Vitamin E
- normal vitamin E status in spinal muscular atrophy (Sokol and Iannaccone), 328
- Vitamin E deficiency
- neuromuscular dysfunction and ultrastructural pathology in children with chronic cholestasis and vitamin E deficiency (Werlin et al), 291
- Warfarin sodium
- effect of carbamazepine on coumadin metabolism (Massey), LETTER, 691
- Water intoxication
- thirst, resecting of the osmostat, and water intoxication following encephalitis (Howe et al), 201
- Waveforms, pseudocycloid
- downbeat nystagmus with a pseudocycloid waveform, improvement with base-out prisms (Lavin et al), 621
- Waveforms, variable
- variable waveforms in downbeat nystagmus imply short-term gain changes (Abel et al), 616
- Wechsler scales
- comparative effects of organic brain disease on cerebral blood flow and measured intelligence (Butler et al), 155
- Werdnig Hoffman paralysis
- normal vitamin E status in spinal muscular atrophy (Sokol and Iannaccone), 328
- Wernicke-Korsakoff syndrome
- intermittent thiamine deficiency in Rhesus monkey. I. Progression of neurological signs and neuroanatomical lesions (Witt and Goldman-Rakic), 376
 - intermittent thiamine deficiency in Rhesus monkey. II. Evidence for memory loss (Witt and Goldman-Rakic), 396
- Wilson's disease. *See* Hepatolenticular degeneration
- Xeroderma pigmentosum
- evidence that lack of deoxyribonucleic acid repair causes death of neurons in xeroderma pigmentosum (Robbins et al), 682

